

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-30-81				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation DK				Unit Huerfano	
Completion Date 3-23-81		Total Depth 6640		Plug Back TD 6622		Elevation 6401 GL		Farm or Lease Name Huerfano Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6640	Perforations: From 6318 To 6522		Well No. #283			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6510	Perforations: From To		Unit Sec. Twp. Rge. 0 35 26 9			
Type well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County San Juan		
Producing Thru Tbg.		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2010		2010		7 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super- Compress. Factor F _{sp}	Rate of Flow Q, Mcf/d
1.							
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °F	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf, ubl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _f	P _w	P _u	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_f^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_f^2 - P_w^2} \right]^n =$ _____
1.						
2.						
3.						
4.						
5.						

LOG = Q $\left[\frac{P_c^2}{P_f^2 - P_w^2} \right]^n =$ _____

Angle of Slope = _____ Slope, n = _____

Remarks: _____

Approved By Division	Conducted By Joe Gillentine	Calculated By H. E. McAnelly	Checked By
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